



# EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018  
Tel/Fax: (212) 290-0051 / (212) 290-0058  
<http://www.EMSL.com / manhattanlab@emsl.com>

**EMSL Order:** 031628489  
**Customer ID:** ATEN78  
**Customer PO:**  
**Project ID:**

**Attention:** Matthew Weintraub  
Atlantic Environmental Consulting, LLC  
3725 Alpine Drive  
Endicott, NY 13760  
**Phone:** (607) 239-4311  
**Fax:**  
**Received Date:** 09/21/2016 11:03 AM  
**Analysis Date:** 09/22/2016 - 09/24/2016  
**Collected Date:** 09/17/2016  
**Project:** 218 WEST HENRY STREET, ELMIRA, NY

## Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
<b>Sample ID</b> 11716-301 031628489-0001		<b>Description</b>	2FL/ KITCHEN - GREEN VINYL FLOORING		
		<b>Homogeneity</b>	Heterogeneous		
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016	Green	None	79.40% Other	<b>20.60% Chrysotile</b>
<b>TEM NYS 198.4 NOB</b>	09/23/2016				<b>Positive Stop (Not Analyzed)</b>
<b>Sample ID</b> 11716-302 031628489-0002		<b>Description</b>	2FL/ KITCHEN - GREEN VINYL FLOORING		
		<b>Homogeneity</b>			
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016				<b>Positive Stop (Not Analyzed)</b>
<b>TEM NYS 198.4 NOB</b>	09/23/2016				<b>Positive Stop (Not Analyzed)</b>
<b>Sample ID</b> 11716-303 031628489-0003		<b>Description</b>	2FL/ BATH - WHITE VINYL FLOORING		
		<b>Homogeneity</b>	Heterogeneous		
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016	White	1.20% Glass	98.80% Other	<b>Inconclusive: None Detected</b>
<b>TEM NYS 198.4 NOB</b>	09/24/2016	White		100.00% Other	<b>None Detected</b>
<b>Sample ID</b> 11716-304 031628489-0004		<b>Description</b>	2FL/ BATH - WHITE VINYL FLOORING		
		<b>Homogeneity</b>	Heterogeneous		
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016	White	2.10% Glass	97.90% Other	<b>Inconclusive: None Detected</b>
<b>TEM NYS 198.4 NOB</b>	09/24/2016	White		100.00% Other	<b>None Detected</b>
<b>Sample ID</b> 11716-305 031628489-0005		<b>Description</b>	2FL/ FRONT - TEXTURED PAINT		
		<b>Homogeneity</b>	Heterogeneous		
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016	White		100.00% Other	<b>Inconclusive: None Detected</b>
<b>TEM NYS 198.4 NOB</b>	09/24/2016	White		100.00% Other	<b>None Detected</b>

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## Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
<b>Sample ID</b> 11716-306 031628489-0006		<b>Description</b> 2FL/ FRONT - TEXTURED PAINT <b>Homogeneity</b> Heterogeneous			
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016	White		100.00% Other	<b>Inconclusive: None Detected</b>
<b>TEM NYS 198.4 NOB</b>	09/24/2016	White		100.00% Other	<b>None Detected</b>
<b>Sample ID</b> 11716-307-Skim Coat 031628489-0007		<b>Description</b> 2FL/ ATTIC STAIR - PLASTER <b>Homogeneity</b> Heterogeneous			
<b>PLM NYS 198.1 Friable</b>	09/22/2016	White/ Yellow		55.00% Ca Carbonate 45.00% Non-fibrous (other)	<b>None Detected</b>
Inseparable paint / coating layer included in analysis					
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>					<b>Not Analyzed</b>
<b>TEM NYS 198.4 NOB</b>					<b>Not Analyzed</b>
<b>Sample ID</b> 11716-307-Rough Coat 031628489-0007A		<b>Description</b> 2FL/ ATTIC STAIR - PLASTER <b>Homogeneity</b> Homogeneous			
<b>PLM NYS 198.1 Friable</b>	09/22/2016	Brown	18.00% Hair	42.00% Non-fibrous (other) 40.00% Quartz	<b>None Detected</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>					<b>Not Analyzed</b>
<b>TEM NYS 198.4 NOB</b>					<b>Not Analyzed</b>
<b>Sample ID</b> 11716-308 031628489-0008		<b>Description</b> 2FL/ ATTIC STAIR - PLASTER <b>Homogeneity</b> Homogeneous			
<b>PLM NYS 198.1 Friable</b>	09/22/2016	Brown	10.00% Hair	37.00% Non-fibrous (other) 53.00% Quartz	<b>None Detected</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>					<b>Not Analyzed</b>
<b>TEM NYS 198.4 NOB</b>					<b>Not Analyzed</b>
<b>Sample ID</b> 11716-309-Skim Coat 031628489-0009		<b>Description</b> 1FL/ LR - PLASTER <b>Homogeneity</b> Heterogeneous			
<b>PLM NYS 198.1 Friable</b>	09/22/2016	Brown/ White	20.00% Cellulose	40.00% Ca Carbonate 40.00% Non-fibrous (other)	<b>None Detected</b>
Inseparable paint / coating layer included in analysis					
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>					<b>Not Analyzed</b>
<b>TEM NYS 198.4 NOB</b>					<b>Not Analyzed</b>
<b>Sample ID</b> 11716-309-Rough Coat 031628489-0009A		<b>Description</b> 1FL/ LR - PLASTER <b>Homogeneity</b> Homogeneous			
<b>PLM NYS 198.1 Friable</b>	09/22/2016	Brown	6.00% Hair	39.00% Non-fibrous (other) 55.00% Quartz	<b>None Detected</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>					<b>Not Analyzed</b>
<b>TEM NYS 198.4 NOB</b>					<b>Not Analyzed</b>

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## Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
<b>Sample ID</b> 11716-310-Skim Coat 031628489-0010		<b>Description</b> 1FL/ LR - PLASTER <b>Homogeneity</b> Heterogeneous			
<b>PLM NYS 198.1 Friable</b>	09/22/2016	Brown/ Tan/ White	13.00% Cellulose	48.00% Ca Carbonate 39.00% Non-fibrous (other)	<b>None Detected</b>
Inseparable paint / coating layer included in analysis					
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>					<b>Not Analyzed</b>
<b>TEM NYS 198.4 NOB</b>					<b>Not Analyzed</b>
<b>Sample ID</b> 11716-310-Rough Coat 031628489-0010A		<b>Description</b> 1FL/ LR - PLASTER <b>Homogeneity</b> Homogeneous			
<b>PLM NYS 198.1 Friable</b>	09/22/2016	Brown	2.00% Cellulose 5.00% Hair	38.00% Non-fibrous (other) 55.00% Quartz	<b>None Detected</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>					<b>Not Analyzed</b>
<b>TEM NYS 198.4 NOB</b>					<b>Not Analyzed</b>
<b>Sample ID</b> 11716-311 031628489-0011		<b>Description</b> 1FL/ LR - PLASTER <b>Homogeneity</b> Homogeneous			
<b>PLM NYS 198.1 Friable</b>	09/22/2016	Gray		35.00% Gypsum 50.00% Non-fibrous (other) 15.00% Quartz	<b>None Detected</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>					<b>Not Analyzed</b>
<b>TEM NYS 198.4 NOB</b>					<b>Not Analyzed</b>
<b>Sample ID</b> 11716-312 031628489-0012		<b>Description</b> 1FL/ KITCHEN - GREEN VINYL FLOORING <b>Homogeneity</b> Heterogeneous			
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016	Green	None	85.40% Other	<b>14.60% Chrysotile</b>
<b>TEM NYS 198.4 NOB</b>	09/23/2016				<b>Positive Stop (Not Analyzed)</b>
<b>Sample ID</b> 11716-313 031628489-0013		<b>Description</b> 1FL/ KITCHEN - GREEN VINYL FLOORING <b>Homogeneity</b>			
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016				<b>Positive Stop (Not Analyzed)</b>
<b>TEM NYS 198.4 NOB</b>	09/23/2016				<b>Positive Stop (Not Analyzed)</b>
<b>Sample ID</b> 11716-314 031628489-0014		<b>Description</b> 1FL/ REAR WALL - WALLPAPER <b>Homogeneity</b> Homogeneous			
<b>PLM NYS 198.1 Friable</b>	09/22/2016	Tan/ White	75.00% Cellulose	25.00% Non-fibrous (other)	<b>None Detected</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>					<b>Not Analyzed</b>
<b>TEM NYS 198.4 NOB</b>					<b>Not Analyzed</b>

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## Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
<b>Sample ID</b> 11716-315 031628489-0015		<b>Description</b>	1FL/ REAR WALL - WALLPAPER		
		<b>Homogeneity</b>	Homogeneous		
<b>PLM NYS 198.1 Friable</b>	09/22/2016	Tan/ White/ Blue	80.00% Cellulose	20.00% Non-fibrous (other)	<b>None Detected</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>					<b>Not Analyzed</b>
<b>TEM NYS 198.4 NOB</b>					<b>Not Analyzed</b>
<b>Sample ID</b> 11716-316 031628489-0016		<b>Description</b>	1FL/ LR - 1.5X1.5 CEILING TILE		
		<b>Homogeneity</b>	Heterogeneous		
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016	Brown		100.00% Other	<b>Inconclusive: None Detected</b>
<b>TEM NYS 198.4 NOB</b>	09/24/2016	Brown		100.00% Other	<b>None Detected</b>
<b>Sample ID</b> 11716-317 031628489-0017		<b>Description</b>	1FL/ LR - 1.5X1.5 CEILING TILE		
		<b>Homogeneity</b>	Heterogeneous		
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016	Brown/ White		100.00% Other	<b>Inconclusive: None Detected</b>
<b>TEM NYS 198.4 NOB</b>	09/24/2016	Brown/ White		100.00% Other	<b>None Detected</b>
<b>Sample ID</b> 11716-318 031628489-0018		<b>Description</b>	1FL/ LR - 2X4 CEILING TILE (NEW)		
		<b>Homogeneity</b>	Heterogeneous		
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016	White	13.90% Min. Wool	86.10% Other	<b>Inconclusive: None Detected</b>
<b>TEM NYS 198.4 NOB</b>	09/24/2016	White		100.00% Other	<b>None Detected</b>
<b>Sample ID</b> 11716-319 031628489-0019		<b>Description</b>	1FL/ LR - 2X4 CEILING TILE (NEW)		
		<b>Homogeneity</b>	Heterogeneous		
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016	White	17.10% Min. Wool	82.90% Other	<b>Inconclusive: None Detected</b>
<b>TEM NYS 198.4 NOB</b>	09/24/2016	White		100.00% Other	<b>None Detected</b>
<b>Sample ID</b> 11716-320 031628489-0020		<b>Description</b>	1FL/ LR - 2X4 CEILING TILE (OLD)		
		<b>Homogeneity</b>	Heterogeneous		
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016	Tan/ White	19.50% Min. Wool	80.50% Other	<b>Inconclusive: None Detected</b>
<b>TEM NYS 198.4 NOB</b>	09/24/2016	Tan/ White		100.00% Other	<b>None Detected</b>

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## Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
<b>Sample ID</b> 11716-321 031628489-0021		<b>Description</b>	1FL/ LR - 2X4 CEILING TILE (OLD)		
		<b>Homogeneity</b>	Heterogeneous		
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016	Tan/ White	16.60% Min. Wool	83.40% Other	<b>Inconclusive: None Detected</b>
<b>TEM NYS 198.4 NOB</b>	09/24/2016	Tan/ White		100.00% Other	<b>None Detected</b>
<b>Sample ID</b> 11716-322 031628489-0022		<b>Description</b>	1FL/ LR - DRYWALL		
		<b>Homogeneity</b>	Homogeneous		
<b>PLM NYS 198.1 Friable</b>	09/22/2016	Brown/ White	17.00% Cellulose	55.00% Gypsum 28.00% Non-fibrous (other)	<b>None Detected</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>					<b>Not Analyzed</b>
<b>TEM NYS 198.4 NOB</b>					<b>Not Analyzed</b>
<b>Sample ID</b> 11716-323-Joint Compound 031628489-0023		<b>Description</b>	1FL/ LR - JOINT COMPOUND		
		<b>Homogeneity</b>	Homogeneous		
<b>PLM NYS 198.1 Friable</b>	09/22/2016	White	None	45.00% Ca Carbonate 4.00% Mica 47.46% Non-fibrous (other)	<b>3.54% Chrysotile</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>					<b>Not Analyzed</b>
<b>TEM NYS 198.4 NOB</b>					<b>Not Analyzed</b>
<b>Sample ID</b> 11716-323-Tape 031628489-0023A		<b>Description</b>	1FL/ LR - JOINT COMPOUND		
		<b>Homogeneity</b>	Heterogeneous		
<b>PLM NYS 198.1 Friable</b>	09/22/2016	Tan/ White	88.00% Cellulose	12.00% Non-fibrous (other)	<b>None Detected</b>
		Inseparable paint / coating layer included in analysis			
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>					<b>Not Analyzed</b>
<b>TEM NYS 198.4 NOB</b>					<b>Not Analyzed</b>
<b>Sample ID</b> 11716-324 031628489-0024		<b>Description</b>	1FL/ LR - DRYWALL		
		<b>Homogeneity</b>			
<b>PLM NYS 198.1 Friable</b>	09/22/2016				<b>Positive Stop</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>					<b>Not Analyzed</b>
<b>TEM NYS 198.4 NOB</b>					<b>Not Analyzed</b>
<b>Sample ID</b> 11716-325 031628489-0025		<b>Description</b>	1FL/ LR - JOINT COMPOUND		
		<b>Homogeneity</b>			
<b>PLM NYS 198.1 Friable</b>	09/22/2016				<b>Positive Stop</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>					<b>Not Analyzed</b>
<b>TEM NYS 198.4 NOB</b>					<b>Not Analyzed</b>

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Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
<b>Sample ID</b> 11716-326 031628489-0026			<b>Description</b> BASEMENT/ WALL - PARGING <b>Homogeneity</b> Heterogeneous		
<b>PLM NYS 198.1 Friable</b>	09/22/2016	Brown/ White	5.00% Hair	22.00% Ca Carbonate 33.00% Non-fibrous (other) 40.00% Quartz	<b>None Detected</b>
Inseparable paint / coating layer included in analysis					
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>					<b>Not Analyzed</b>
<b>TEM NYS 198.4 NOB</b>					<b>Not Analyzed</b>
<b>Sample ID</b> 11716-327 031628489-0027			<b>Description</b> BASEMENT/ WALL - PARGING <b>Homogeneity</b> Homogeneous		
<b>PLM NYS 198.1 Friable</b>	09/22/2016	White	7.00% Hair	50.00% Ca Carbonate 43.00% Non-fibrous (other)	<b>None Detected</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>					<b>Not Analyzed</b>
<b>TEM NYS 198.4 NOB</b>					<b>Not Analyzed</b>
<b>Sample ID</b> 11716-328 031628489-0028			<b>Description</b> BASEMENT/ CHIMNEY - FLUE CEMENT <b>Homogeneity</b> Heterogeneous		
<b>PLM NYS 198.1 Friable</b>	09/22/2016	Brown/ White	1.00% Fibrous (other)	10.00% Ca Carbonate 29.00% Non-fibrous (other) 60.00% Quartz	<b>None Detected</b>
Inseparable paint / coating layer included in analysis					
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>					<b>Not Analyzed</b>
<b>TEM NYS 198.4 NOB</b>					<b>Not Analyzed</b>
<b>Sample ID</b> 11716-329 031628489-0029			<b>Description</b> BASEMENT/ CHIMNEY - FLUE CEMENT <b>Homogeneity</b> Homogeneous		
<b>PLM NYS 198.1 Friable</b>	09/22/2016	Gray/ White		15.00% Ca Carbonate 35.00% Non-fibrous (other) 50.00% Quartz	<b>None Detected</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>					<b>Not Analyzed</b>
<b>TEM NYS 198.4 NOB</b>					<b>Not Analyzed</b>
<b>Sample ID</b> 11716-330 031628489-0030			<b>Description</b> BASEMENT/ PIPES - AIR-CELL PIPE INSULATION <b>Homogeneity</b> Homogeneous		
<b>PLM NYS 198.1 Friable</b>	09/22/2016	Brown/ White	55.00% Cellulose	21.50% Non-fibrous (other)	<b>23.50% Chrysotile</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>					<b>Not Analyzed</b>
<b>TEM NYS 198.4 NOB</b>					<b>Not Analyzed</b>

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## Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
<b>Sample ID</b> 11716-331 031628489-0031		<b>Description</b>	BASEMENT/ PIPES - AIR-CELL PIPE INSULATION		
		<b>Homogeneity</b>			
<b>PLM NYS 198.1 Friable</b>	09/22/2016				<b>Positive Stop</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>					<b>Not Analyzed</b>
<b>TEM NYS 198.4 NOB</b>					<b>Not Analyzed</b>
<b>Sample ID</b> 11716-332 031628489-0032		<b>Description</b>	EXTERIOR/ WALLS - CEMENTITIOUS (TRANSITE) SIDING		
		<b>Homogeneity</b>	Heterogeneous		
<b>PLM NYS 198.1 Friable</b>	09/22/2016	Tan/ Green	None	71.40% Non-fibrous (other)	<b>28.60% Chrysotile</b>
Inseparable paint / coating layer included in analysis					
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>					<b>Not Analyzed</b>
<b>TEM NYS 198.4 NOB</b>					<b>Not Analyzed</b>
<b>Sample ID</b> 11716-333 031628489-0033		<b>Description</b>	EXTERIOR/ WALLS - CEMENTITIOUS (TRANSITE) SIDING		
		<b>Homogeneity</b>			
<b>PLM NYS 198.1 Friable</b>	09/22/2016				<b>Positive Stop</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>					<b>Not Analyzed</b>
<b>TEM NYS 198.4 NOB</b>					<b>Not Analyzed</b>
<b>Sample ID</b> 11716-334 031628489-0034		<b>Description</b>	EXTERIOR/ 2FL R WINDOW - GLAZING COMPOUND		
		<b>Homogeneity</b>	Heterogeneous		
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016	Tan		100.00% Other	<b>Inconclusive: None Detected</b>
<b>TEM NYS 198.4 NOB</b>	09/24/2016	Tan		100.00% Other	<b>None Detected</b>
<b>Sample ID</b> 11716-335 031628489-0035		<b>Description</b>	EXTERIOR/ 2FL WINDOW - GLAZING COMPOUND		
		<b>Homogeneity</b>	Heterogeneous		
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016	Gray	<1.00% Fibrous (other)	100.00% Other	<b>Inconclusive: None Detected</b>
<b>TEM NYS 198.4 NOB</b>	09/24/2016	Gray		100.00% Other	<b>None Detected</b>
<b>Sample ID</b> 11716-336 031628489-0036		<b>Description</b>	EXTERIOR/ 2FL WINDOW - GLAZING COMPOUND		
		<b>Homogeneity</b>	Heterogeneous		
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016	Gray	<1.00% Fibrous (other)	100.00% Other	<b>Inconclusive: None Detected</b>
<b>TEM NYS 198.4 NOB</b>	09/24/2016	Gray		100.00% Other	<b>None Detected</b>

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# EMSL Analytical, Inc.

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**EMSL Order:** 031628489  
**Customer ID:** ATEN78  
**Customer PO:**  
**Project ID:**

## Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
<b>Sample ID</b> 11716-337 031628489-0037		<b>Description</b>	EXTERIOR/ FOUNDATION WALL - CEMENTITIOUS PARGING		
		<b>Homogeneity</b>	Heterogeneous		
<b>PLM NYS 198.1 Friable</b>	09/22/2016	Brown/ Gray/ Tan	3.00% Cellulose	10.00% Ca Carbonate 32.00% Non-fibrous (other) 55.00% Quartz	<b>None Detected</b>
Inseparable paint / coating layer included in analysis					
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>					<b>Not Analyzed</b>
<b>TEM NYS 198.4 NOB</b>					<b>Not Analyzed</b>
<b>Sample ID</b> 11716-338 031628489-0038		<b>Description</b>	EXTERIOR/ FOUNDATION WALL - CEMENTITIOUS PARGING		
		<b>Homogeneity</b>	Homogeneous		
<b>PLM NYS 198.1 Friable</b>	09/22/2016	Gray	6.00% Cellulose	65.00% Gypsum 29.00% Non-fibrous (other)	<b>None Detected</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>					<b>Not Analyzed</b>
<b>TEM NYS 198.4 NOB</b>					<b>Not Analyzed</b>
<b>Sample ID</b> 11716-339 031628489-0039		<b>Description</b>	EXTERIOR/ WINDOWS - CAULK		
		<b>Homogeneity</b>	Heterogeneous		
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016	White		100.00% Other	<b>Inconclusive: None Detected</b>
<b>TEM NYS 198.4 NOB</b>	09/24/2016	White		100.00% Other	<b>None Detected</b>
<b>Sample ID</b> 11716-340 031628489-0040		<b>Description</b>	EXTERIOR/ WALLS - FIBERBOARD		
		<b>Homogeneity</b>	Homogeneous		
<b>PLM NYS 198.1 Friable</b>	09/22/2016	Brown	97.00% Cellulose	3.00% Non-fibrous (other)	<b>None Detected</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>					<b>Not Analyzed</b>
<b>TEM NYS 198.4 NOB</b>					<b>Not Analyzed</b>
<b>Sample ID</b> 11716-341 031628489-0041		<b>Description</b>	EXTERIOR/ WALLS - FIBERBOARD		
		<b>Homogeneity</b>	Homogeneous		
<b>PLM NYS 198.1 Friable</b>	09/22/2016	Brown	95.00% Cellulose	5.00% Non-fibrous (other)	<b>None Detected</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>					<b>Not Analyzed</b>
<b>TEM NYS 198.4 NOB</b>					<b>Not Analyzed</b>
<b>Sample ID</b> 11716-342 031628489-0042		<b>Description</b>	EXTERIOR/ REAR WALLS - ASPHALTIC FELT		
		<b>Homogeneity</b>	Heterogeneous		
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016	Black		100.00% Other	<b>Inconclusive: None Detected</b>
<b>TEM NYS 198.4 NOB</b>	09/24/2016	Black		100.00% Other	<b>None Detected</b>

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EMSL Order: 031628489

Customer ID: ATEN78

Customer PO:

Project ID:

## Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 031628489-0043			Description EXTERIOR/ REAR WALLS - ASPHALTIC FELT		
			Homogeneity Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	09/23/2016	Black	<1.00% Min. Wool	100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	09/24/2016	Black		100.00% Other	None Detected
Sample ID 031628489-0044			Description EXTERIOR/ REAR WING - ASPHALTIC FLASHING CEMENT AT BASE		
			Homogeneity Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	09/23/2016	Black		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	09/24/2016	Black		100.00% Other	None Detected
Sample ID 031628489-0045			Description EXTERIOR/ REAR WING - ASPHALTIC FLASHING CEMENT AT BASE		
			Homogeneity Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	09/23/2016	Black		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	09/24/2016	Black		100.00% Other	None Detected
Sample ID 031628489-0046			Description ROOF/ REAR WING - ASPHALTIC ROOFING (BOTTOM)		
			Homogeneity Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	09/23/2016	Black	8.80% Glass	91.20% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	09/24/2016	Black		100.00% Other	None Detected
Sample ID 031628489-0047			Description ROOF/ REAR WING - ASPHALTIC ROOFING (BOTTOM)		
			Homogeneity Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	09/23/2016	Black	25.50% Glass	74.50% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	09/24/2016	Black		100.00% Other	None Detected
Sample ID 031628489-0048			Description ROOF/ FRONT PORCH - BITUMINOUS ROLL ROOFING		
			Homogeneity Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	09/23/2016	Black	22.90% Glass	77.10% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	09/24/2016	Black		100.00% Other	None Detected

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**EMSL Order:** 031628489  
**Customer ID:** ATEN78  
**Customer PO:**  
**Project ID:**

## Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
<b>Sample ID</b> 11716-349 <i>031628489-0049</i>		<b>Description</b>	ROOF/ FRONT PORCH - BITUMINOUS ROLL ROOFING		
		<b>Homogeneity</b>	Heterogeneous		
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016	Black	19.90% Glass	80.10% Other	<b>Inconclusive: None Detected</b>
<b>TEM NYS 198.4 NOB</b>	09/24/2016	Black		100.00% Other	<b>None Detected</b>
<b>Sample ID</b> 11716-350 <i>031628489-0050</i>		<b>Description</b>	ROOF/ R METAL ROOFS - SILVER ASPHALTIC COATING		
		<b>Homogeneity</b>	Heterogeneous		
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016	Brown/ Gray	3.90% Glass	91.90% Other	<b>4.20% Chrysotile</b>
<b>TEM NYS 198.4 NOB</b>	09/23/2016				<b>Positive Stop (Not Analyzed)</b>
<b>Sample ID</b> 11716-351 <i>031628489-0051</i>		<b>Description</b>	ROOF/ R METAL ROOFS - SILVER ASPHALTIC COATING		
		<b>Homogeneity</b>			
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016				<b>Positive Stop (Not Analyzed)</b>
<b>TEM NYS 198.4 NOB</b>	09/23/2016				<b>Positive Stop (Not Analyzed)</b>
<b>Sample ID</b> 11716-352 <i>031628489-0052</i>		<b>Description</b>	ROOF/ MAIN - ASPHALTIC SHINGLE (BOTTOM)		
		<b>Homogeneity</b>	Heterogeneous		
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016	Black	<1.00% Synthetic	100.00% Other	<b>Inconclusive: None Detected</b>
<b>TEM NYS 198.4 NOB</b>	09/24/2016	Black		100.00% Other	<b>None Detected</b>
<b>Sample ID</b> 11716-353 <i>031628489-0053</i>		<b>Description</b>	ROOF/ MAIN - ASPHALTIC SHINGLE (BOTTOM)		
		<b>Homogeneity</b>	Heterogeneous		
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016	Black	<1.00% Synthetic	100.00% Other	<b>Inconclusive: None Detected</b>
<b>TEM NYS 198.4 NOB</b>	09/24/2016	Black		100.00% Other	<b>None Detected</b>
<b>Sample ID</b> 11716-354 <i>031628489-0054</i>		<b>Description</b>	ROOF/ MAIN - ASPHALTIC SHINGLE (MID)		
		<b>Homogeneity</b>	Heterogeneous		
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016	Black		100.00% Other	<b>Inconclusive: None Detected</b>
<b>TEM NYS 198.4 NOB</b>	09/24/2016	Black		100.00% Other	<b>None Detected</b>

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EMSL Order: 031628489

Customer ID: ATEN78

Customer PO:

Project ID:

## Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 11716-355 031628489-0055		Description	ROOF/ MAIN - ASPHALTIC SHINGLE (MID)		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	09/23/2016	Black		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	09/24/2016	Black		100.00% Other	None Detected
Sample ID 11716-356 031628489-0056		Description	ROOF/ MAIN - ASPHALTIC SHINGLE (TOP)		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	09/23/2016	Black	1.00% Glass	99.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	09/24/2016	Black		100.00% Other	None Detected
Sample ID 11716-357 031628489-0057		Description	ROOF/ MAIN - ASPHALTIC SHINGLE (TOP)		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	09/23/2016	Black	11.60% Glass	88.40% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	09/24/2016	Black		100.00% Other	None Detected
Sample ID 11716-358 031628489-0058		Description	ROOF/ FRONT PORCH - ASPHALTIC FLASHING CEMENT		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	09/23/2016	Black	14.50% Glass	85.50% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	09/24/2016	Black		100.00% Other	None Detected
Sample ID 11716-359 031628489-0059		Description	ROOF/ R SIDE - ASPHALTIC FLASHING CEMENT		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	09/23/2016	Black	8.60% Glass	91.40% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	09/24/2016	Black		100.00% Other	None Detected
Sample ID 11716-360 031628489-0060		Description	ROOF/ R SIDE - ASPHALTIC FLASHING CEMENT		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	09/23/2016	Black	1.10% Glass	98.90% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	09/24/2016	Black		100.00% Other	None Detected

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**EMSL Order:** 031628489  
**Customer ID:** ATEN78  
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**Project ID:**

## Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
<b>Sample ID</b> I1716-361 031628489-0061		<b>Description</b>	BARN/ WALLS - CEMENTITIOUS (TRANSITE) SIDING		
		<b>Homogeneity</b>	Heterogeneous		
<b>PLM NYS 198.1 Friable</b>	09/22/2016	Gray/ Green	None	81.80% Non-fibrous (other)	<b>18.20% Chrysotile</b>
Inseparable paint / coating layer included in analysis					
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>					<b>Not Analyzed</b>
<b>TEM NYS 198.4 NOB</b>					<b>Not Analyzed</b>
<b>Sample ID</b> I1716-362 031628489-0062		<b>Description</b>	BARN/ WALLS - CEMENTITIOUS (TRANSITE) SIDING		
		<b>Homogeneity</b>			
<b>PLM NYS 198.1 Friable</b>	09/22/2016				<b>Positive Stop</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>					<b>Not Analyzed</b>
<b>TEM NYS 198.4 NOB</b>					<b>Not Analyzed</b>
<b>Sample ID</b> I1716-363 031628489-0063		<b>Description</b>	BARN/ WALLS - ASPHALTIC FELT UNDERLAYMENT		
		<b>Homogeneity</b>	Heterogeneous		
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016	Black		100.00% Other	<b>Inconclusive: None Detected</b>
<b>TEM NYS 198.4 NOB</b>	09/24/2016	Black		100.00% Other	<b>None Detected</b>
<b>Sample ID</b> I1716-364 031628489-0064		<b>Description</b>	BARN/ WALLS - ASPHALTIC FELT UNDERLAYMENT		
		<b>Homogeneity</b>	Heterogeneous		
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016	Black		100.00% Other	<b>Inconclusive: None Detected</b>
<b>TEM NYS 198.4 NOB</b>	09/24/2016	Black		100.00% Other	<b>None Detected</b>
<b>Sample ID</b> I1716-365 031628489-0065		<b>Description</b>	BARN/ WINDOWS - GLAZING COMPOUND		
		<b>Homogeneity</b>	Heterogeneous		
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016	Black		100.00% Other	<b>Inconclusive: None Detected</b>
<b>TEM NYS 198.4 NOB</b>	09/24/2016	Black		100.00% Other	<b>None Detected</b>
<b>Sample ID</b> I1716-366 031628489-0066		<b>Description</b>	BARN/ WINDOWS - GLAZING COMPOUND		
		<b>Homogeneity</b>	Heterogeneous		
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016	Gray/ White	1.30% Fibrous (other)	98.70% Other	<b>Inconclusive: None Detected</b>
<b>TEM NYS 198.4 NOB</b>	09/24/2016	Gray/ White		100.00% Other	<b>None Detected</b>

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EMSL Order: 031628489

Customer ID: ATEN78

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Project ID:

## Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 11716-367 031628489-0067			Description BARN/ PORCH - ASPHALTIC FELT Homogeneity Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	09/23/2016	Black		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	09/24/2016	Black		100.00% Other	None Detected
Sample ID 11716-368 031628489-0068			Description BARN/ PORCH - ASPHALTIC FELT Homogeneity Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	09/23/2016	Black		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	09/24/2016	Black		100.00% Other	None Detected
Sample ID 11716-369 031628489-0069			Description BARN/ PORCH - ASPHALTIC SHINGLE Homogeneity Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	09/23/2016	Black	12.80% Min. Wool	87.20% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	09/24/2016	Black		100.00% Other	None Detected
Sample ID 11716-370 031628489-0070			Description BARN/ PORCH - ASPHALTIC SHINGLE Homogeneity Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	09/23/2016	Black	1.30% Glass	98.70% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	09/24/2016	Black		100.00% Other	None Detected
Sample ID 11716-371 031628489-0071			Description BARN/ MAIN ROOF - ASPHALTIC SHINGLE (BOTTOM) Homogeneity Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	09/23/2016	Black		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	09/24/2016	Black		100.00% Other	None Detected
Sample ID 11716-372 031628489-0072			Description BARN/ MAIN ROOF - ASPHALTIC SHINGLE (BOTTOM) Homogeneity Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	09/23/2016	Black		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	09/24/2016	Black		100.00% Other	None Detected

Initial Report From: 09/24/2016 12:38:22



# EMSL Analytical, Inc.

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<b>EMSL Order:</b> 031628489
<b>Customer ID:</b> ATEN78
<b>Customer PO:</b>
<b>Project ID:</b>

## Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
<b>Sample ID</b> 11716-373 031628489-0073			<b>Description</b> BARN/ MAIN ROOF - ASPHALTIC SHINGLE (MID)		
			<b>Homogeneity</b> Heterogeneous		
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016	Black	<1.00% Synthetic	100.00% Other	<b>Inconclusive: None Detected</b>
<b>TEM NYS 198.4 NOB</b>	09/24/2016	Black		100.00% Other	<b>None Detected</b>
<b>Sample ID</b> 11716-374 031628489-0074			<b>Description</b> BARN/ MAIN ROOF - ASPHALTIC SHINGLE (MID)		
			<b>Homogeneity</b> Heterogeneous		
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016	Black	1.10% Synthetic	98.90% Other	<b>Inconclusive: None Detected</b>
<b>TEM NYS 198.4 NOB</b>	09/24/2016	Black		100.00% Other	<b>None Detected</b>
<b>Sample ID</b> 11716-375 031628489-0075			<b>Description</b> BARN/ MAIN ROOF - ASPHALTIC SHINGLE (TOP)		
			<b>Homogeneity</b> Heterogeneous		
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016	Black	<1.00% Glass	100.00% Other	<b>Inconclusive: None Detected</b>
<b>TEM NYS 198.4 NOB</b>	09/24/2016	Black		100.00% Other	<b>None Detected</b>
<b>Sample ID</b> 11716-376 031628489-0076			<b>Description</b> BARN/ MAIN ROOF - ASPHALTIC SHINGLE (TOP)		
			<b>Homogeneity</b> Heterogeneous		
<b>PLM NYS 198.1 Friable</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 VCM</b>					<b>Not Analyzed</b>
<b>PLM NYS 198.6 NOB</b>	09/23/2016	Black	<1.00% Glass	100.00% Other	<b>Inconclusive: None Detected</b>
<b>TEM NYS 198.4 NOB</b>	09/24/2016	Black		100.00% Other	<b>None Detected</b>

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<b>EMSL Order:</b> 031628489
<b>Customer ID:</b> ATEN78
<b>Customer PO:</b>
<b>Project ID:</b>

## Test Report:Asbestos Analysis of Bulk Material

The samples in this report were submitted to EMSL for analysis by Asbestos Analysis of Bulk Materials via NYS ELAP Approved Methods . The reference number for these samples is the EMSL Order ID above . Please use this reference number when calling about these samples.

### Report Comments:

Sample Receipt Date: 9/21/2016  
Analysis Completed Date: 9/23/2016

Sample Receipt Time: 11:03 AM  
Analysis Completed Time: 4:12 PM

### Analyst(s):

Daena Charles PLM NYS 198.1 Friable (5)

Jon Williams PLM NYS 198.1 Friable (19)

Jon Williams PLM NYS 198.6 NOB (48)

Alicia Folgar TEM NYS 198.4 NOB (45)

### Samples reviewed and approved by:

James Hall, Laboratory Manager  
or Other Approved Signatory

NOB = Non Friable Organically Bound N/A = Not Applicable VCM = Vermiculite Containing Material

-In New York State, TEM is currently the only method that can be used to determine if NOB materials can be considered or treated as non -asbestos containing.

All samples examined for the presence of vermiculite when analyzed via NYS 198.1.

-NYS Guidelines for Vermiculite containing samples are available at [http://www.wadsworth.org/labcert/elapcert/forms/VermiculiteInterimGuidance\\_Rev070913.pdf](http://www.wadsworth.org/labcert/elapcert/forms/VermiculiteInterimGuidance_Rev070913.pdf) EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations . Interpretation and use of test results are the responsibility of the client. Samples were received in good condition unless otherwise noted.

This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. This report may contain data that is not covered by the NVLAP accreditation .

Samples analyzed by EMSL Analytical, Inc. New York, NY NYS ELAP 11506

Initial Report From: 09/24/2016 12:38:22